

Manhole Inspection Summary

Manhole # S3500_037MH

Printed On: 12/17/2008

Page 1 of 4

Inspection Is Incomplete Rating: **3) Fair**

Record Plat: **3500** Node: **037** Status: **Found**

Insp Date: **1/24/07 12:19 PM**

Incomplete Comments

Crew: **JS, DE**
Inspector: **Smutek, J**
Firm: **REI**

Location Address: **300 23RD ST**

Cross Street: **GUILFORD AVE**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **Channel grease.**

Cover Shape: **Circular**

Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: Bolted Vented Water Tight Water Tight Insert

Frame Offset: **0** (in.)

Condition: Sound Cracked **Leaks**

Chimney / Frame Adjustment Exists Material: **Brick**

Parged Height: **6** (in.)

Condition: Sound Cracked **Root Intrusion** Loose Brick **Deteriorated**

Infiltration: None **Joint** Cracks Mortar **Roots** **Wall**

Corbel Material: **Brick**

Parged Type: **Concentric/Eccentric**

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots Wall

Barrel Material: **Brick**

Parged

Shape: **Circular** Diameter: **46** (in.) Length: (in.)

Condition: Sound Cracked Root Intrusion Loose Brick **Deteriorated**

Infiltration: None Joint Cracks **Mortar** Roots **Wall**

Bench Exists Material: **Brick**

Parged **Debris** (not Condition related)

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Channel Material: **Brick**

Parged **Debris** (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Steps Count: **3** Missing: **0** **Corroded**

Surcharge **Evidence Of Surcharge** Depth: **3** (ft.) Active Surcharge Present

Location View



Top View



Corroded steps. Evidence of surcharge - Bench debris. Channel debris (grease).

Defect



Frame leaks. Adjustment deterioration, root intrusion and infiltration.

Manhole Inspection Summary

Manhole # S3500_037MH

Printed On: 12/17/2008

Page 3 of 4

8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **7.49** (ft.) Flow Characteristics: **Slow**

Deposits: None **Mud** Sludge **Debris** Grease

Silt Depth: **0** (in.) Deposits Extent: **Light**

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Barrel deterioration and infiltration.

Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **7.43** (ft.) Flow Characteristics: **Slow**

Deposits: None **Mud** Sludge **Debris** Grease

Silt Depth: **0** (in.) Deposits Extent: **Light**

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection

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Page 4 of 4

8 in. Circular Gravity Sewer

Pipe In @ 6 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **7.02** (ft.) Flow Characteristics: **Slow**

Deposits: None Mud Sludge Debris Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection
